

Application Number 09/546,333

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Respectfully submitted,

By: CR 48,303
Christopher R. Glembocki
Registration No. 38,800

BANNER & WITCOFF, LTD.
1001 G Street, N.W., 11th Floor
Washington, D.C. 20001-4597
(202) 508-9100

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MARKED-UP VERSION OF AMENDMENTS:

23. (Amended) A single frequency weather station RF Telemetry alarm and display station for monitoring weather conditions at at least one remote location comprising:

a portable, battery-powered and hand-holdable weather station unit situated at the at least one remote location including:

a microprocessor;

at least one data sensor coupled to the microprocessor for sensing at least one weather condition and generating a data signal representative of the at least one weather [condition] condition at the at least one remote location;

a transmitter coupled to the at least one data sensor for transmitting said data signal; and

an antenna coupled to the transmitter,

a portable, battery powered and hand holdable receiver configured to receive the data signal comprising:

a storage device configured to store at least one of a plurality of measured remote weather conditions;

a processor configured to generate a prediction of a weather condition, the prediction being based on the data signal received by the receiver and at least one of the measured weather conditions stored in the storage device; and

an indicating circuit configured to indicate the prediction.